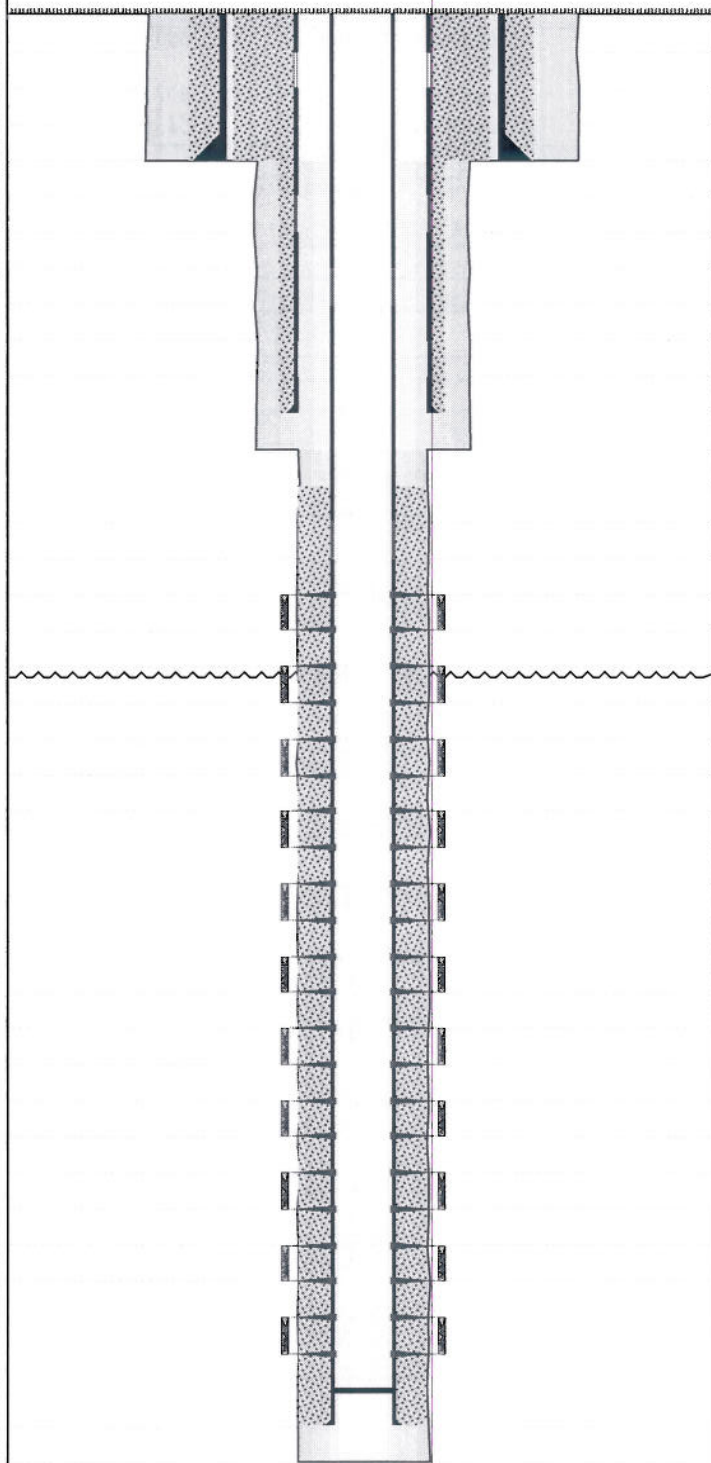


Final Well Report Detailed (graphic)

Well Name: SG 8511E-22 N22 496

API # 05045210420000	Well Type Gas	Business Unit Southern Rockies	SBU North Piceance	Area Story Gulch	Pad N22 496	State CO	County/Parish GARFIELD
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Directional - Original Hole - Initial Migration, 04/29/2013 10:26:07 AM
Vertical schematic (actual)



Well Header Setup

Well Name SG 8511E-22 N22 496		API # 05045210420000	
Original KB Elevation (ft) 7,607.00	Ground Elevation (ft) 7,585.00	Spud Date 03/10/2012	Final Rig Relea. 05/20/2012
Surface Legal Location		Latitude (decimal) (°) 39.68385800	Longitude (decimal) (°) -108.15718100

Wellbore Sections Setup

Wellbore Type	Kick Off Depth (ftKB)	VS Dir (°)	
Original Hole - Initial Migration		295.48	
Section Des	Hole Size (in)	Act Top (ftKB)	Act Btm (ftKB)
Conductor	30	22.0	120.0
Surface	14 3/4	120.0	2,141.0
Production	8 3/4	2,141.0	11,216.0

Plug Back Total Depths

Date	Depth (ftKB)	Method	Com
09/25/2012	11,172.0		Wellcore PBTB (TVD): 11130.0000169176

Casing Data

Casing Description Conductor	Run Date 01/09/2012	Set Depth (ftKB) 120.0
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Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	20		52.78	A53B	120.00

Surface

Casing Description Surface	Run Date 03/10/2012	Set Depth (ftKB) 2,121.0
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Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Float Shoe	9 5/8			J-55	1.50
Casing Joints	9 5/8	8.921	36.00	J-55	42.39
Float Collar	9 5/8			J-55	1.50
Casing Joints	9 5/8	8.921	36.00	J-55	44.04
Casing Joints	9 5/8	8.921	36.00	J-55	84.53
Collar	9 5/8			J-55	1.50
Casing Joints	9 5/8	8.921	36.00	K-55	1,918.12
Casing Joints	9 5/8				4.80
Casing Joints	9 5/8	8.921	36.00	J-55	28.00

Production

Casing Description Production	Run Date 05/19/2012	Set Depth (ftKB) 11,196.0
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Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Float Shoe	4 1/2			P-110	1.50
Shoe	4 1/2	4.000	11.60	P-110	20.67
Float Collar	4 1/2			P-110	1.50
Casing Joints	4 1/2	4.000	11.60	P-110	1,458.17
Marker Joint	4 1/2	4.000	11.60	P-110	20.61
Casing Joints	4 1/2	4.000	11.60	P-110	2,936.97
Marker Joint	4 1/2	4.000	11.60	P-110	20.72
Casing Joints	4 1/2	4.000	11.60	P-110	6,741.00

Cement Data

Conductor, 120.0ftKB Proposed? No

Description	String	Wellbore	Type
Conductor Cement	Conductor, 120.0ftKB Proposed? No	Original Hole - Initial Migration	Casing

Stg #	Description	Top (ftKB)	Btm (ftKB)	Full Return?
1	Conductor	22.0	120.0	Yes

Sequence	Fluid Des	Amount (sacks)	Class
Lead	Redi Mix - 19 yd	133	

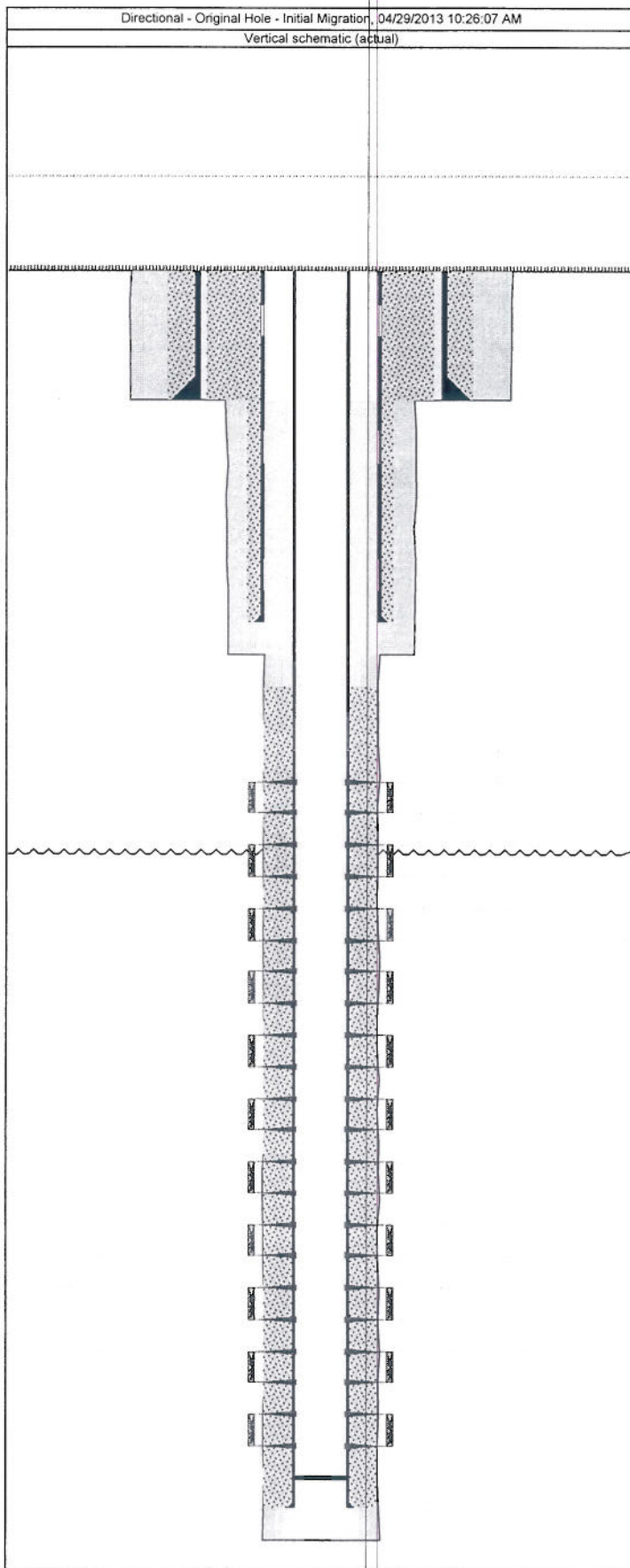
Surface, 2,121.0ftKB Proposed? No

Description	String	Wellbore	Type
Surface Casing Cement	Surface, 2,121.0ftKB Proposed? No	Original Hole - Initial Migration	Casing

Final Well Report Detailed (graphic)

Well Name: SG 8511E-22 N22 496

API # 05045210420000	Well Type Gas	Business Unit Southern Rockies	SBU North Piceance	Area Story Gulch	Pad N22 496	State CO	County/Parish GARFIELD
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Stg # 1	Description Surface	Top (ftKB) 22.0	Btm (ftKB) 2,121.0	Full Return?
Sequence		Fluid Des	Amount (sacks)	Class
Lead		11# LiteFIL	471	
Tail		12.5# LiteFIL	246	
Production, 11,196.0ftKB Proposed? No				
Description Production Casing Cement		String Production, 11,196.0ftKB Proposed? No	Wellbore Original Hole - Initial Migration	Type Casing
Stg # 1	Description Production	Top (ftKB) 2,165.0	Btm (ftKB) 11,196.0	Full Return?
Sequence		Fluid Des	Amount (sacks)	Class
Tail		13ppg Rockies Correct GMS Enc	500	
Fill		11ppg TXI	807	
Lead		12ppg TXI LS	543	
Tubing Data				
Tubing Description		Tubing Set Date	Set Depth (ftKB)	
Item Des	OD (in)	ID (in)	Len (ft)	
Rod Data				
Rod Description		Run Date	Set Depth (ftKB)	
Item Des	OD (in)	Len (ft)		
Zones				
Zone Name Original Migration		Wellbore Original Hole - Initial Migration	Top Depth (ftKB)	Btm (ftKB)
Cur Stat Date	Current Status	Formation(s)		
Perforation Data				
Stage # 11	Type Perforated	Top Depth (ftKB) 7,265.0	Bottom Depth (ftKB) 7,550.0	Zone Original Migration, Original Hole - Initial Migration
Stage # 10	Type Perforated	Top Depth (ftKB) 7,581.0	Bottom Depth (ftKB) 7,798.0	Zone Original Migration, Original Hole - Initial Migration
Stage # 9	Type Perforated	Top Depth (ftKB) 7,835.0	Bottom Depth (ftKB) 8,084.0	Zone Original Migration, Original Hole - Initial Migration
Stage # 8	Type Perforated	Top Depth (ftKB) 8,129.0	Bottom Depth (ftKB) 8,413.0	Zone Original Migration, Original Hole - Initial Migration
Stage # 7	Type Perforated	Top Depth (ftKB) 8,446.0	Bottom Depth (ftKB) 8,735.0	Zone Original Migration, Original Hole - Initial Migration
Stage # 6	Type Perforated	Top Depth (ftKB) 8,809.0	Bottom Depth (ftKB) 9,041.0	Zone Original Migration, Original Hole - Initial Migration
Stage # 5	Type Perforated	Top Depth (ftKB) 9,085.0	Bottom Depth (ftKB) 9,370.0	Zone Original Migration, Original Hole - Initial Migration
Stage # 4	Type Perforated	Top Depth (ftKB) 9,399.0	Bottom Depth (ftKB) 9,674.0	Zone Original Migration, Original Hole - Initial Migration
Stage # 3	Type Perforated	Top Depth (ftKB) 9,738.0	Bottom Depth (ftKB) 10,051.0	Zone Original Migration, Original Hole - Initial Migration
Stage # 2	Type Perforated	Top Depth (ftKB) 10,118.0	Bottom Depth (ftKB) 10,442.0	Zone Original Migration, Original Hole - Initial Migration
Stage # 1	Type Perforated	Top Depth (ftKB) 10,574.0	Bottom Depth (ftKB) 10,998.0	Zone Original Migration, Original Hole - Initial Migration